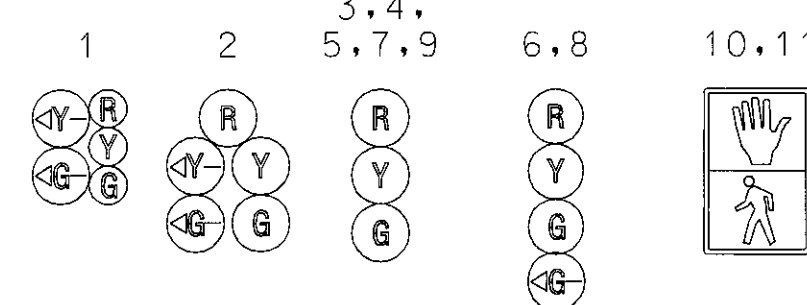


US 13 BUS. IS ASSUMED TO RUN  
IN A NORTH / SOUTH DIRECTION

#### EXISTING SIGNS



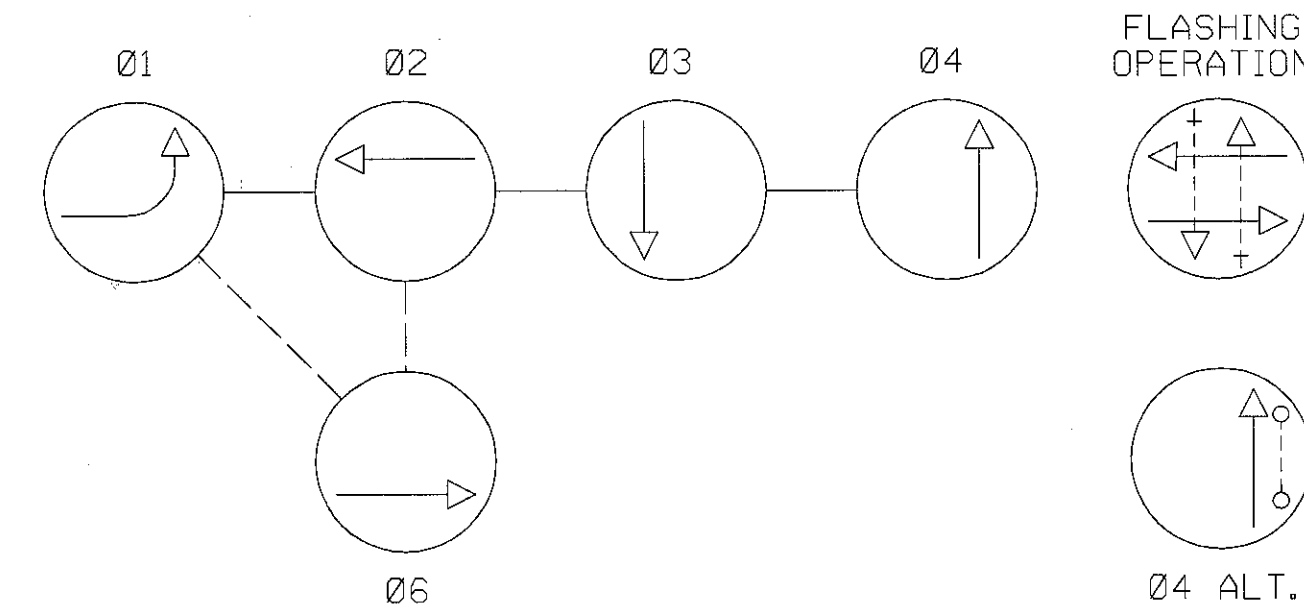
#### EXISTING SIGNALS



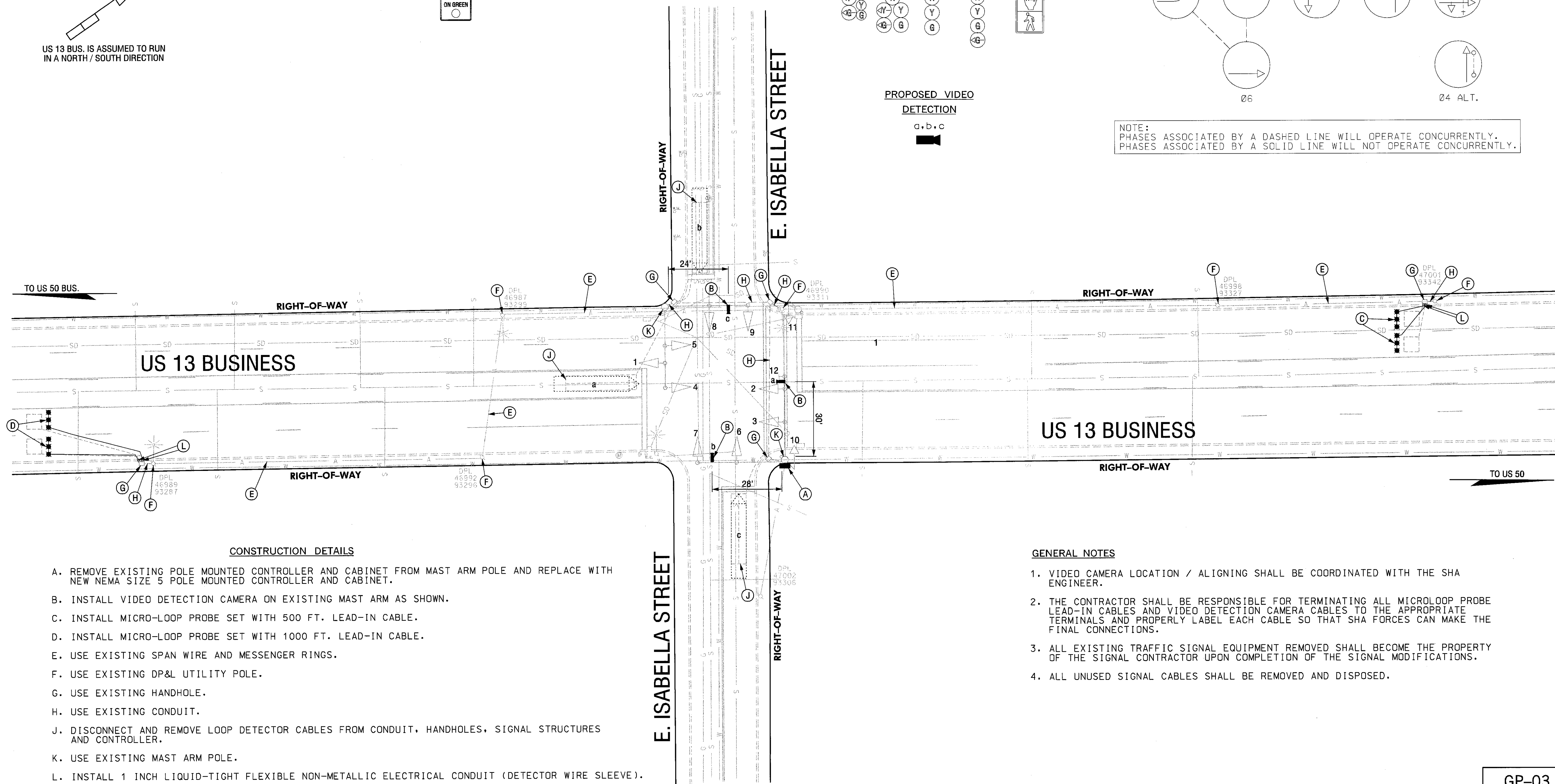
#### PROPOSED VIDEO DETECTION

a, b, c

#### NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



#### CONSTRUCTION DETAILS

- REMOVE EXISTING POLE MOUNTED CONTROLLER AND CABINET FROM MAST ARM POLE AND REPLACE WITH NEW NEMA SIZE 5 POLE MOUNTED CONTROLLER AND CABINET.
- INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN.
- INSTALL MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN CABLE.
- INSTALL MICRO-LOOP PROBE SET WITH 1000 FT. LEAD-IN CABLE.
- USE EXISTING SPAN WIRE AND MESSENGER RINGS.
- USE EXISTING DP&L UTILITY POLE.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUIT, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- USE EXISTING MAST ARM POLE.
- INSTALL 1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

#### GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICROLOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

#### GEOMETRIC LEGEND

EXISTING  
PROPOSED

#### UTILITY LEGEND

SD STORM DRAIN  
G GAS MAIN  
W WATER MAIN  
S SEWER MAIN  
E ELECTRIC CABLES  
A AERIAL CABLES  
T TELEPHONE CABLES

**SABRA, WANG & ASSOCIATES, INC.**  
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SUITE 180  
BALTIMORE, MD 21227  
(410) 737-8554  
WWW.SABRA-WANG.COM

REVISIONS		APPROVALS	
© SHA NO. W1516A21 REMOVE PRESENCE DETECTION AND INSTALL VIDEO DETECTION SWA [Signature] [Date]		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
B SPLIT SIDE STREET PHASING CHANGE ALL SIDE ST. HEADS TO BLACKFACE CJ MAR DAZ BRK		03-2000 06-92	
A ADD E/P LT. FOR NB US 13 B		DJD DAZ ETP TH	

**SHA** MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNAL PLAN  
**US 13 BUSINESS AT EAST ISABELLA STREET**

DRAWN BY: G. HALLAMYER  
CHECKED BY: DENNIS DODA JR.  
SCALE: 1" = 20'  
DATE: 02/08/84

F.A.P. NO.  
S.H.A. NO.  
COUNTY: WICOMICO  
LOG MILE: 22B01305.77

TS NO.  
1943 C  
T.I.M.S. NO.  
2-221

SHEET NO.  
GP-03 OF